Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for enabling the generation of an updated web-page <u>for storage</u> in one of a plurality of cache <u>servers</u>, said method comprising:

[selecting first and second caches from said plurality of caches;]

implementing <u>programmable rules executing on each of the plurality of cache servers,</u> each [a first] programmable rule defining a [first] triggering event associated with its corresponding [the first] cache <u>server</u>, the occurrence of <u>the triggering event being</u> [which is] indicative of the existence of an obsolete portion of said web-page <u>stored</u> in said [first] <u>corresponding</u> cache <u>server</u>;

[implementing a second programmable rule defining a second triggering event associated with the second cache, the occurrence of which is indicative of the existence of an obsolete portion of said web-page in said second cache, the second triggering event being different from the first triggering event;]

detecting an occurrence of <u>a</u> [said first] triggering event <u>at a particular cache server selected from the plurality of cache servers</u>;

in response to the occurrence of said [first] triggering event, <u>causing said particular cache server to request</u> [requesting] an update of said obsolete portion; and

receiving an updated portion of said web-page for storage <u>at said particular cache server</u> [in said first cache].

2. (Original) The method of claim **1**, further comprising

generating a web-page incorporating said updated portion therein; and

serving said web-page to a user.

3. (Currently Amended) The method of claim **1**, wherein implementing said [first]
programmable rules comprises interpreting a script containing instructions for defining a
[said] rule.

4. (Currently Amended) The method of claim **1**, wherein detecting said [first] triggering event
comprises detecting an elapsed time defined by [said first] a programmable rule.

5. (Currently Amended) The method of claim **1**, wherein detecting said [first] triggering event
comprises detecting the receipt of an updated portion of said web-page.

6. (Previously Presented) The method of claim **1**, wherein requesting an update comprises
formulating a database query to be carried out by a database engine.

7. (Previously Presented) The method of claim **1**, wherein said method further comprises
providing an assembly script containing instructions for assembling constituent portions
of a web-page and said updated portion into an updated web-page.

8. (Currently Amended) The method of claim **1**, wherein

causing said particular cache-server to request [requesting] an update comprises
establishing communication with an origin server and causing said particular cache
server to request [requesting] said update therefrom, and

receiving an updated portion comprises receiving said updated portion from said origin
server.

9. (Previously Presented) The method of claim **8**, further comprising providing a cache memory

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element separate from said origin server.

10. **(Previously Presented)** The method of claim **8**, further comprising providing a cache memory element at said origin server.

11. **(Original)** The method of claim **1**, further comprising collecting access-data indicative of how frequently said web-page is requested.

12. **(Currently Amended)** The method of claim **11**, further comprising managing the content of caches [said caches] in said cache servers in response to said access-data.

13. **(Currently Amended)** A web-serving system comprising:

a [first] plurality of cache servers each having [a first] a corresponding cache memory; and

a second cache server having a second cache memory;

a [first] cache manager in communication with said [first] corresponding cache memory for controlling content of said [first] corresponding cache memory, said [first] cache manager being configured to execute a [first] programmable script, said script being configured for detecting the occurrence of a [first] triggering event, and in response to detection of said [first] triggering event, causing said [first] cache manager to request an update of said content of said [first] cache memory.[; and]

a second cache manager in communication with said second cache memory for controlling content of said second cache memory, said second cache manager being configured to execute a second programmable script for detecting the occurrence of a second triggering event, and in response to detection of said second triggering event, causing said second cache manager to request an update of said content of said second cache memory;

~~wherein said first triggering event is different from said second triggering event.~~

14. **(Original)** The web-serving system of claim 13, further comprising a usage-monitor for collecting access-data indicative of the frequency with which a selected web-page is requested.

15. **(Currently Amended)** The web-serving system of claim 14, wherein said usage-monitor provides said access data to said [~~one of said first and second~~] programmable script[s], and said [~~one of said first and second~~] programmable script[s] alters content of [a] said corresponding [~~one of said first and second~~] cache memory[~~ies~~] in response to said access-data.

16. **(Currently Amended)** The web-serving system of claim 13, further comprising a communication path between [~~one of~~] said [~~first and second~~] programmable script[s] and an administrator process, said communication path enabling said [~~one of said first and second~~] programmable script[s] to receive instructions from said administrator process.

17. **(Currently Amended)** The web-serving system of claim 13, further comprising a page assembler executing on [~~one of~~] said cache server[s], the page assembler containing instructions for assembling constituent portions of a web-page into a web-page.

18. **(Cancelled)**

19. **(Currently Amended)** A computer-readable medium having encoded thereon software for updating web-pages stored in caches, each cache being associated with a corresponding cache server from a plurality of cache serves, said software comprising instructions for:

> ~~implementing first a programmable rule defining a first triggering event associated with a first cache, the occurrence of which is indicative of an obsolete portion of a web-page in the first cache;~~

~~implementing a second programmable rule defining a second triggering event associated with a second cache, the occurrence of which is indicative of an obsolete portion of a web-page in the second cache, the second triggering event being different from the first triggering event;~~

~~detecting an occurrence of one of the first and second triggering events;~~

~~in response to the occurrence of the detected triggering event, requesting an update of a corresponding obsolete portion; and~~

~~receiving an updated portion of said web-page for storage in the cache associated with the detected triggering event.~~

<u>implementing programmable rules executing on each of the plurality of cache servers, each programmable rule defining a triggering event associated with its corresponding cache server, the occurrence of the triggering event being indicative of the existence of an obsolete portion of said web-page stored in said corresponding cache server;</u>

<u>detecting an occurrence of a triggering event at a particular cache server selected from the plurality of cache servers;</u>

<u>in response to the occurrence of said triggering event, causing said particular cache server to request an update of said obsolete portion; and</u>

<u>receiving an updated portion of said web-page for storage at said particular cache server.</u>

20. **(Original)** The computer-readable medium of claim **19**, wherein said software further comprises instructions for:

generating a web-page incorporating said updated portion therein; and

serving said web-page to a user.

21. **(Currently Amended)** The computer-readable medium of claim **19**, said instructions for implementing said first programmable rule further comprise instructions for interpreting a [first] script containing instructions for defining [said] a first programmable rule.

22. **(Currently Amended)** The computer-readable medium of claim **19**, wherein said instructions for detecting said [first] triggering event comprise instructions for detecting an elapsed time defined by said [first] programmable rule.

23. **(Currently Amended)** The computer-readable medium of claim **19**, wherein said instructions for detecting said [first] triggering event comprise instructions detecting the receipt of an updated portion of said web-page.

24. **(Original)** The computer-readable medium of claim **19**, wherein said instructions for requesting an updated portion of said web page comprise instructions for formulating a database query to be carried out by a database engine.

25. **(Previously Presented)** The computer-readable medium of claim **19**, said computer-readable medium further comprises instructions for assembling constituent portions of a web-page and said updated portion into an updated web-page.

26. **(Currently Amended)** The computer-readable medium of claim **19**, wherein

   said instructions for causing said particular cache server to request [requesting] an update comprise instructions for establishing communication with an origin server and requesting said update therefrom, and

   said instructions for causing said particular cache server to receive [receiving] an updated portion comprise instructions for receiving said updated portion from said origin server.

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27. (Original) The computer-readable medium of claim **19**, wherein said software further comprises instructions for collecting access-data indicative of how frequently said web-page is requested.

28. (Previously Presented) The computer-readable medium of claim **27**, wherein said software further comprises instructions for managing the content of said caches in response to said access-data.